

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1631

In re

Patent Application of

Craig E. Smith, et. al.

Serial No.:

Filed:

Examiner:

"pH DEPENDENT ION EXCHANGE MATRIX AND METHOD OF USE IN THE
ISOLATION OF NUCLEIC ACIDS"

I, Diane J. Frauchiger, hereby certify that this correspondence is
being deposited with the US Postal Service as first class mail in
an envelope addressed to Assistant Commissioner for Patents,
Washington, D.C. 20231 on the date of my signature.

Diane J. Frauchiger
Signature
March 20, 2001
Date of Signature

J/A
6-12-02
RW.

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This application is a divisional of U.S. Serial No. 09/312,172^{al/cmb} filed under
37 CFR 1.53(b). Prior to examination on the merits, please amend the subject
application as follows:

I. IN THE SPECIFICATION

On page 1, line 8, please delete "Not applicable." and insert therefor:

A1 -- This application is a divisional of U.S. Application Number 09/312,172,
filed May 14, 1999. --

A On page 11, immediately after line 11, and before line 12, please insert the
following:

A2 -- Figure 1 illustrates a method of making a pH dependent ion exchange
matrix wherein a cap, comprising an amine with a pK of less than about 9, is
covalently attached to a solid phase through a glycidyl linker.

Figure 2 illustrates a method of making a pH dependent ion exchange matrix